| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|--------|---|--|---------------------|---------|------------------|
| L1 | 481 | (network appliance).as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L2 | 38 | L1 and (head) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L3 | 106515 | (configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4) with head | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L4 | 712 | (configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4) with storage near4 head | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L5 | 108 | (assign\$4 or reassign\$4) near6 (manager or head or controller) with ownership | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON · | 2007/04/10 11:34 |
| L6 | 13 | (configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4) with storage near4 head and (711/170. ccls. or 711/171.ccls. or 711/172. ccls. or 711/173.ccls.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L7 | 4399 | (configur\$5 or reconfigur\$5) with (ownership or assign\$4 or reassign\$4) with (storage or memory or volume) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |

| L8 | 377 | ((configur\$5 or reconfigur\$5) with (ownership or assign\$4 or reassign\$4) with (storage or memory or volume)).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
|-----|------|---|--|-----|----|------------------|
| L9 | 4851 | (assign\$4 or reassign\$4) near6 (control or management) near6 (storage adj2 (device or unit) or volume or lun or memory) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L10 | 3879 | (711/170.ccls. or 711/171.ccls. or 711/172.ccls. or 711/173.ccls.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L11 | 137 | L10 and L9 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L12 | 24 | (configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4) with ownership with storage near2 (device or memory) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L13 | 11 | ((assign\$4 or reassign\$4) near6 (control or management) near6 (storage adj2 (device or unit) or volume or lun or memory) with (client or host)).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L14 | 382 | (assign\$4 or reassign\$4) near6 (manager or head or controller) with storage near2 (device or memory) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |

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| L15 | 3 | (assign\$4 or reassign\$4) near6 (manager or head or controller) with storage near2 (device or memory) with ownership | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L16 | 10 | (assign\$4 or reassign\$4) near6 (manager or head or controller) with ownership with storage | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L17 | 6 | L16 not L12 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L18. | 0 | (assign\$4 or reassign\$4) near6 (manager or head or controller) with ownership with independant | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ÓN | 2007/04/10 11:34 |
| L19 | 145 | ((configur\$5 or reconfigur\$5) near6 (ownership or assign\$4 or reassign\$4) near6 (storage or memory or volume)).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L20 | 8 | ((configur\$5 or reconfigur\$5) near6 (ownership or assign\$4 or reassign\$4) near6 (storage adj2 (memory or device or volume))).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L21 | 11 | (diconnect\$3 or remov\$3 or dismount\$3) with (head or controller or manager or host or client) and (assign\$4 or reassign\$4) with ownership with (storage or volume) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |



| L22 | 290 | server head | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
|-----|------|--|--|-----|----|------------------|
| L23 | 33 | server head with (configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L24 | 2 | server head with ownership | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L25 | 6844 | (assign\$4 or reassign\$4) near6 (control or management) with (storage adj2 (device or unit) or volume or lun or memory) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L26 | 872 | ((assign\$4 or reassign\$4) near6 (control or management) near6 (storage adj2 (device or unit) or volume or lun or memory)).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L27 | 13 | L10 and L26 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L28 | 0 | ((assign\$4 or reassign\$4) near6 (control or management) near6 (storage adj2 (device or unit) or volume or lun or memory))".a.b" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |

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| L29 | 1372 | (assign\$4 or reassign\$4) near6 (control or management) near6 (storage adj2 (device or unit) or volume or lun or memory) and (client or host) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L30 | 167 | (assign\$4 or reassign\$4) near6 (control or management) near6 (storage adj2 (device or unit) or volume or lun or memory) with (client or host) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L31 | 29 | (assign\$4 or reassign\$4) near6 (control or management) near6 (storage adj2 (device or unit) or volume or lun or memory) with (client or host) near4 (command or request or instruction) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L32 | 372 | subsystem near4 chassis | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L33 | 3 | (configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4) with ownership with storage with (swap\$4 or remov\$3 or replac\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L34 | 6 | ((attach\$3 or connect\$3) near6 (external controller)).ab. and (711/???.ccls. or 714/???.ccls.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L35 | 23 | subsystem near4 chassis with (swap\$4 or remov\$3 or replac\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |



| L36 | 211 | remote controller and (711/???.ccls. or 714/???.ccls.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
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| L37 | 17 | (remote controller).ab. and (711/???.ccls. or 714/???.ccls.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L38 | 1 | "20020052914" | US-PGPUB | ADJ | ON | 2007/04/10 11:34 |
| L39 | 27 | (external with redundant controller) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L40 | 552 | (swap\$4 or remov\$3 or replac\$3) near6 (fail\$3) near6 (controller) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L41 | 39 | subsystem with chassis with external | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L42 | 18 | (external with secondary controller) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L43 | 74 | (configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4) with ownership with storage and (swap\$4 or remov\$3 or replac\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |

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| L44 | 5 | (swap\$4 or remov\$3 or replac\$3) near6 (fail\$3) near6 (controller) with chassis | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L45 | 38 | (external near4 redundant near4 controller) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L46 | 26 | subsystem with single chassis | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L47 | 4 | (configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4) with ownership with storage same (swap\$4 or remov\$3 or replac\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L48 | 8372 | (external controller) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L49 | 226 | ((attach\$3 or connect\$3) near6 (external controller)).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L50 | 1306 | (attach\$3 or connect\$3) near6 (external controller) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |



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| L51 | 3 | ((attach\$3 or connect\$3) near6 (external controller)) with fail\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L52 | 0 | ((attach\$3 or connect\$3) near6 (external controller)).ab. with fail\$4.ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L53 | 126 | ownership attribute | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L54 | 2 | "6654902".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L55 | 27 | storage subsystem with circuit board | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L56 | 10 | ball grid device | USPAT | ADJ | ON | 2007/04/10 11:34 |
| L58 | 628 | remote near2 controller and (711/???.ccls. or 714/???.ccls.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L59 | 45 | storage subsystem with enclosure | USPAT | ADJ | ON | 2007/04/10 11:34 |
| L60 | 1 | "20030120743" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |

| L61 | 27 | ownership attribute near6 storage | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
|------|------|--|--|-----|----|------------------|
| ·L62 | 3 | ball grid arrary | USPAT | ADJ | ON | 2007/04/10 11:34 |
| L63 | 8929 | ball grid array | USPAT | ADJ | ON | 2007/04/10 11:34 |
| L64 | | storage subsystem near4 circuit board | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L65 | 128 | remote with redundant with controller | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L66 | 50 | remote near6 redundant near4 controller | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |
| L67 | 75 | remote with redundant near4 controller | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/10 11:34 |